843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set.The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

1. Use this transaction set to respond to solicitations for quotes for small purchases or to cancel a previously submitted quote. If a vendor wishes to amend a quote, cancel the previously submitted quote and reissue another original.

2. Use, as appropriate, segments in table 1 when the quote contains one line item or multiple line items and the data applies to all line items. Use the corresponding segments in table 2 when the quote contains multiple line items and the data varies by line item.

3. It is strongly recommended that only one 843 response be submitted for each 840 received. Each amended solicitation is considered a separate 840 and requires a responding 843.

4. Any alternate bid information should be submitted as comments in the NTE segments.

5. For the purpose of Y2K compliance, all dates received by SAACONS will be processed employing a bridging (windowing or 49/50 rule) application. Bridging is a technique in which a year of 00 - 49 is considered to be prefaced by the century 2000, and a year of 50 - 99 is considered to prefaced by the century 1900.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
8	030	NTE	Note/Special Instruction	F	100		
9	040	CUR	Currency	O	1		
12	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
Not Used	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		

				Req.	Max.Use	Loop	Notes and
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
13	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	150	DTM	Date/Time/Period	O	10		
15	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
16	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	CTB	Restrictions/Conditions	O	5		
			LOOP ID - N9			1000	
Not Used	290	N9	Reference Number	O	1		
Not Used	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
18	310	N1	Name	O	1		
20	320	N2	Additional Name Information	O	2		
21	330	N3	Address Information	O	2		
22	340	N4	Geographic Location	O	1		
24	350	REF	Reference Numbers	O	12		
25	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	25		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
26	010	PO1	Purchase Order Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	25		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	

Not Used	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	080	PKG	Marking, Packaging, Loading	O	25		
Not Used	090	PO4	Item Physical Details	O	1		
29	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
Not Used	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
Not Used	180	FOB	F.O.B. Related Instructions	O	1		
Not Used	190	SDQ	Destination Quantity	O	50		
30	200	DTM	Date/Time/Period	O	10		
31	210	LDT	Lead Time	O	12		
32	220	SCH	Line Item Schedule	O	104		n2
Not Used	230	FST	Forecast Schedule	O	5		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	290	CTB	Restrictions/Conditions	O	5		
			LOOP ID - CST			100	
Not Used	300	CST	Cost Analysis	O	1		
Not Used	310	PID	Product/Item Description	O	1		
Not Used	320	CUR	Currency	O	1		
Not Used	330	DTM	Date/Time/Period	O	2		
			LOOP ID - SLN			1000	
Not Used	340	SLN	Subline Item Detail	O	1		
Not Used	350	PID	Product/Item Description	O	1000		
			LOOP ID - CST			100	
Not Used	360	CST	Cost Analysis	O	1		
Not Used	370	PID	Product/Item Description	O	1		
Not Used	380	CUR	Currency	O	1		
Not Used	390	DTM	Date/Time/Period	O	2		
			LOOP ID - N9			1000	
Not Used	400	N9	Reference Number	O	1		
Not Used	410	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
34	420	N1	Name	O	1		
Not Used	430	N2	Additional Name Information	O	2		

Not Used	440	N3	Address Information	O	2	
Not Used	450	N4	Geographic Location	O	1	
Not Used	460	REF	Reference Numbers	O	12	
Not Used	470	PER	Administrative Communications Contact	O	3	
Not Used	480	FOB	F.O.B. Related Instructions	O	1	
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	510	TD3	Carrier Details (Equipment)	O	12	
Not Used	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	530	PKG	Marking, Packaging, Loading	O	25	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
35	010	CTT	Transaction Totals	M	1		n3
Not Used	015	AMT	Monetary Amount	O	1		
36	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** **Transaction Set Header**

Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	
Comments:	1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3

Code uniquely identifying a Transaction Set

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	Ref. Des.	Data Element	Name	Attributes
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9

Identifying control number assigned by the originator for a transaction set.

Use to transmit a unique number assigned by the originator of the transaction set. This same number is carried in SE02.

	Segment:	**BQR** Beginning Segment for Response to Request for Quotation
	Position:	020
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
	Syntax Notes:	**1** If BQR05 is present, then BQR04 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQR01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

    00   Original

    01   Cancellation

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQR02	586	**Request for Quote Reference Number**	**M AN 1/45**

Number assigned by the purchaser to identify his request for quote

Cite the unique number associated with the solicitation in the exact format referenced in BQT02 of the 840 transaction set to which this transaction set is responding.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQR03	652	**Request Quotation Control Date**	**M DT 6/6**

Date to be used for reference purposes in an RFQ and a response to RFQ.

1. Use to identify the date of a solicitation. If amendments to the solicitation have been issued, cite the date of the last amendment.

2. All dates received by SAACONS will be processed employing the bridging (windowing or 49/50 rule) application.

	Ref. Des.	Data Element	Name	Attributes
	BQR04	374	**Date/Time Qualifier**	**C ID 3/3**

Code specifying type of date or time, or both date and time

    098   Bid (Effective)

          Use to indicate the date of the bid.

	Ref. Des.	Data Element	Name	Attributes
	BQR05	373	**Date**	**O DT 6/6**

Date (YYMMDD)

All dates received by SAACONS will be processed employing the bridging (windowing or 49/50 rule) application.

	Ref. Des.	Data Element	Name	Attributes
	BQR06	379	**Bid Type Response Code**	**O ID 2/2**

Code indicating the type of response to the request for bid or quote

If code AB or UQ is cited, provide an explanation in the NTE segment.

AB   Alternate Bid

1. Use to indicate a substitute product is being offered or other variations from the solicited item are being proposed in the NTE.

2. Use to indicate exceptions are being taken to requirements cited in original solicitation, i.e., variations in volume/packaging.

BI   Bid Without Exception

When this code is used, only the mandatory segments, required data elements, and segments to provide pricing, cost information, certifications, representations, or fill-in information are necessary.

UQ   Unable to Quote

1. Use to indicate that the responding party normally does quote on the item(s) or service(s) solicited but is unable to do so on the referenced solicitation.

2. Do not use for "Public" RFQs.

Segment:	**NTE** Note/Special Instruction
Position:	030
Loop:	
Level:	Heading
Usage:	Floating
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	*Use of free form text is discouraged, if the information can be provided by some other means in the transaction set.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
NTE01	**363**	**Note Reference Code**	**O ID 3/3**
		Code identifying the functional area or purpose for which the note applies	
		GEN Entire Transaction Set	
Must Use **NTE02**	**3**	**Free Form Message**	**M AN 1/60**
		Free-form text	
		If code AB, or UQ is used in BQR06, provide an explanation in NTE02.	

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	**1** If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR11 is present, then CUR10 is required.
	4 If CUR12 is present, then CUR10 is required.
	5 If CUR14 is present, then CUR13 is required.
	6 If CUR15 is present, then CUR13 is required.
	7 If CUR17 is present, then CUR16 is required.
	8 If CUR18 is present, then CUR16 is required.
	9 If CUR20 is present, then CUR19 is required.
	10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	**1** Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.
Notes:	*If the CUR segment is not used the currency is assumed to be US dollars.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	98	**Entity Identifier Code**	**M ID 2/2**

Code identifying an organizational entity or a physical location.

    SE   Selling Party

Must Use	CUR02	100	**Currency Code**	**M ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Not Used	CUR03	280	**Exchange Rate**	**O R 4/6**

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Not Used	CUR04	98	**Entity Identifier Code**	**O ID 2/2**

Code identifying an organizational entity or a physical location.

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR05	100	**Currency Code**	**O ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Not Used	CUR06	669	**Currency Market/Exchange Code**	**O ID 3/3**

Code identifying the market upon which the currency exchange rate is based

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR07	374	**Date/Time Qualifier**	**C ID 3/3**

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR08	373	**Date**	**O DT 6/6**

Date (YYMMDD)

Not Used	CUR09	337	**Time**	**O TM 4/4**

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Not Used	CUR10	374	**Date/Time Qualifier**	**C ID 3/3**

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR11	373	**Date**	**O DT 6/6**

Date (YYMMDD)

Not Used	CUR12	337	**Time**	**O TM 4/4**

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Not Used	CUR13	374	**Date/Time Qualifier**	**C ID 3/3**

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	CUR14	373	**Date**	**O DT 6/6**

Date (YYMMDD)

| Not Used | CUR15 | 337 | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

| Not Used | CUR16 | 374 | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR17 | 373 | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR18 | 337 | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

| Not Used | CUR19 | 374 | **Date/Time Qualifier** | **C** | **ID 3/3** |

Code specifying type of date or time, or both date and time

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | CUR20 | 373 | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| Not Used | CUR21 | 337 | **Time** | **O** | **TM 4/4** |

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

Segment:	**REF** Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1　At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*At least one iteration, with code 65 in REF01 is required to carry the Universal Tracking Number (UTN).*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

　　65　　　　　Total Order Cycle Number

> *UTN - Universal Tracking Number is a unique identifier used to establish a linkage within a cycle of transaction sets for a single acquisition. Should be a unique identifier within federal agencies. A cycle is defined to included all related transaction sets (840, 843, 850, 855, 860, 865, 836, 864, 810, and 820 if possible).*

　　PR　　　　　Price Quote Number

> *Use to reference quoting party's quotation number.*

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Number**	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF03	352	**Description**	C AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale		
Position:	130		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	5		
Purpose:	To specify terms of sale		
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	2	If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.	
	3	If ITD09 is present, then at least one of ITD10 or ITD11 is required.	
Semantic Notes:			
Comments:	1	If the code in ITD01 is 04, then ITD09 is required and either ITD11 or ITD12 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.	
Notes:	*1. If no discount is offered, do not transmit this segment.*		
	2. All prompt payment discounts will be taken in accordance with the Prompt Payment Act.		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
ITD01	**336**	**Terms Type Code**	**O ID 2/2**
		Code identifying type of payment terms	
		09 Proximo	
		Use only when specified in the 840 and requesting "Fast Pay".	
		16 Prompt Payment Act	
		Use to indicate payment discount.	
Not Used **ITD02**	**333**	**Terms Basis Date Code**	**O ID 1/2**
		Code identifying the beginning of the terms period	
ITD03	**338**	**Terms Discount Percent**	**O R 1/6**
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
Not Used **ITD04**	**370**	**Terms Discount Due Date**	**C DT 6/6**
		Date payment is due if discount is to be earned	
ITD05	**351**	**Terms Discount Days Due**	**C N0 1/3**
		Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used **ITD06**	**446**	**Terms Net Due Date**	**O DT 6/6**
		Date when total invoice amount becomes due	
ITD07	**386**	**Terms Net Days**	**O N0 1/3**
		Number of days until total invoice amount is due (discount not applicable)	

Not Used	ITD08	362	**Terms Discount Amount**	O	**N2 1/10**

Total amount of terms discount

Not Used	ITD09	388	**Terms Deferred Due Date**	O	**DT 6/6**

Date deferred payment or percent of invoice payable is due

Not Used	ITD10	389	**Deferred Amount Due**	C	**N2 1/10**

Deferred amount due for payment

Not Used	ITD11	342	**Percent of Invoice Payable**	C	**R 1/5**

Amount of invoice payable expressed in percent

Not Used	ITD12	352	**Description**	O	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	ITD13	765	**Day of Month**	C	**N0 1/2**

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Not Used	ITD14	107	**Payment Method Code**	O	**ID 1/1**

Code identifying type of payment procedures

Segment:	**LDT** Lead Time	
Position:	160	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** LDT04 is the effective date of lead time information.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LDT01**	**345**	**Lead Time Code**	**M ID 2/2**
			Code indicating the time range	
			AF From date of PO receipt to delivery	
Must Use	**LDT02**	**380**	**Quantity**	**M R 1/10**
			Numeric value of quantity	
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M ID 2/2**
			Code indicating the time period or interval	
			DA Calendar Days	
Not Used	**LDT04**	**373**	**Date**	**O DT 6/6**
			Date (YYMMDD)	

Segment:	**PKG** Marking, Packaging, Loading	
Position:	220	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	25	
Purpose:	To describe marking, packaging, loading, and unloading requirements	
Syntax Notes:	1	If PKG04 is present, then PKG03 is required.
	2	At least one of PKG04 or PKG05 is required.
Semantic Notes:		
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	PKG01 relates only to PKG04 and PKG05.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	PKG04 should be used for industry-specific packaging description codes.
	5	Special marking or tagging data can be given in PKG05 (description).
Notes:	*This segment is used to define dimensions, tolerances, weights, counts, physical restrictions, etc.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PKG01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			F	Free-form	
			X	Semi-structured (Code and Text)	
	PKG02	753	**Packaging Characteristic Code**	O	ID 1/5
			Code specifying the marking, packaging, loading and related characteristics being described		
			35	Type of Package	
			36	Package Specifications	
			37	Package Protection	
	PKG03	559	**Agency Qualifier Code**	C	ID 2/2
			Code identifying the agency assigning the code values		
			DD	Department of Defense	
				Responsible for Military Specification	
Not Used	PKG04	754	**Packaging Description Code**	C	ID 1/7
			A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
Must Use	PKG05	352	**Description**	C	AN 1/80
			A free-form description to clarify the related data elements and their		

content

Segment:	**N1** Name	
Position:	310	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Notes: *1. Two iterations of the N1 loop are required to identify the selling party. The first iteration of the N1 loop is required to identify the selling party using codes SE, ZZ, or EX in N101, code 33 in N103 and a cage code in N104. This iteration must contain a full address using N2, N3, and N4 as required. The second iteration is required to capture the selling party's DUNS number in N104.*

2. Use a third iteration when the remittance address is different than the full address given in the first iteration of the N1 loop, using code RI in N101 and the full remittance address using N2, N3, and N4 as required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity or a physical location.

EX	Exporter	
	Use to indicate a Foreign Vendor.	
MP	Manufacturing Plant	
	Use to indicate the Manufacturing facility is different from the selling party's mailing address.	
RI	Remit To	
	Use to indicate place to send payment.	
SE	Selling Party	
	Use to indicate Large Business.	
SG	Store Group	
	Use to indicate Minority Institution (Historically black colleges and universities.).	
VN	Vendor	
	Indicates Women Owned.	
ZZ	Mutually Defined	

Use to indicate Small Business.

N102	**93**	**Name**	**C**	**AN 1/35**

Free-form name

N103	**66**	**Identification Code Qualifier**	**C**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	Dun and Bradstreet (Credit Reporting) (DUNS)
9	DUNS with 4-character suffix
33	Commercial and Government Entity (CAGE)

N104	**67**	**Identification Code**	**C**	**ID 2/17**

Code identifying a party.

Segment:	**N2** Additional Name Information	
Position:	320	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	**Data Element**	**Name**	**Attributes**
Must Use	**N201**	**93**	**Name**	**M AN 1/35**
			Free-form name	
Not Used	**N202**	**93**	**Name**	**O AN 1/35**
			Free-form name	

Segment: **N3** **Address Information**
Position: 330
Loop: N1　Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	**M AN 1/35**
			Address information	
	N302	166	**Address Information**	**O AN 1/35**
			Address information	

Segment:		**N4** **Geographic Location**
Position:	340	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	At least one of N401 or N405 is required.
	2	If N401 is present, then N402 is required.
	3	If either N405 or N406 is present, then the other is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	**City Name**	C AN 2/19
		Free-form text for city name	
N402	156	**State or Province Code**	C ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	

> *1. Use codes from the latest release of FIPS PUB 5-2, States and Outlying Areas of the United States.*
>
> *2. Not required for country codes other than US or CD as specified in N404. This note supersedes Syntax note number 2. Code should be cited in upper case.*

Ref. Des.	Data Element	Name	Attributes
N403	116	**Postal Code**	O ID 4/9
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	**Country Code**	O ID 2/2
		Code identifying the country	

> *Use codes from the latest release of ISO 3166, Codes for Representing Names of Countries.*

Ref. Des.	Data Element	Name	Attributes
N405	309	**Location Qualifier**	O ID 1/2
		Code identifying type of location	
		IP Postal	

> *Use to indicate an Army Post Office "APO" or Fleet Post Office "FPO".*

Ref. Des.	Data Element	Name	Attributes
N406	310	**Location Identifier**	C AN 1/25

Code which identifies a specific location

When N405 is code IP, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco plus the zip code).

Segment:	**REF** Reference Numbers	
Position:	350	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying numbers.	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

SY	Social Security Number
TJ	Federal Taxpayer's Identification Number

	REF02	127	**Reference Number**	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	REF03	352	**Description**	C AN 1/80

A free-form description to clarify the related data elements and their content

May use when N101 equals VN to indicate Corporate Tax Status.

2Y Corporation providing medical and health care services, or engaged in the   billing and collecting of payments for such services.

2L   Other Corporate entity

2J   Sole Proprietorship

2K   Partnership

2N   Hospital or extended care facility that is exempt from taxation.

2R   Federal Facility

Segment:	**PER** Administrative Communications Contact	
Position:	360	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If PER03 is present, then PER04 is required.	
Semantic Notes:		
Comments:		
Notes:	*One iteration of the PER is required when the codes SE, ZZ, or EX are used in N101. This iteration must contain code IC in PER01, TE in PER03 and complete commercial phone number with area code in PER04.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
Must Use	PER02	93	**Name**	O AN 1/35
			Free-form name	
Must Use	PER03	365	**Communication Number Qualifier**	O ID 2/2
			Code identifying the type of communication number	
			EM Electronic Mail	
			Should only be used if the address is less than 22 characters.	
			FX Facsimile	
			TE Telephone	
Must Use	PER04	364	**Communication Number**	C AN 7/21
			Complete communications number including country or area code when applicable	

Segment:	**PO1** Purchase Order Baseline Item Data	
Position:	010	
Loop:	PO1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic and most frequently used purchase order line item data	

Syntax Notes:		
	1	If PO105 is present, then PO104 is required.
	2	If PO106 is present, then PO107 is required.
	3	If PO108 is present, then PO109 is required.
	4	If PO110 is present, then PO111 is required.
	5	If PO112 is present, then PO113 is required.
	6	If PO114 is present, then PO115 is required.
	7	If PO116 is present, then PO117 is required.
	8	If PO118 is present, then PO119 is required.
	9	If PO120 is present, then PO121 is required.
	10	If PO122 is present, then PO123 is required.
	11	If PO124 is present, then PO125 is required.

Semantic Notes:

Comments:		
	1	See the Data Dictionary for a complete list of ID's.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes:

1. If a vendor is not going to bid on a specific line item do not return a PO1 segment for that line item.

2. Use the 2/PO1/010 loop to specify all information related to CLIN or SUBCLIN.

3. The presence of a unit price of 0 in PO104 requires the use PO105.

4. The value in the PO101 of the 843 must be identical to the value of PO101 of the corresponding 840. Additionally each value in the PO101 must be unique or not used.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**PO101**	**350**	**Assigned Identification**	**O AN 1/6**

Alphanumeric characters assigned for differentiation within a transaction set

Use to specify the Contract Line Item Number (CLIN), or the Sub Contract Line Item Number (SUBCLIN) in the exact format referenced in the PO101 of the 840. When quoting on multiple line items, use as many iterations of the PO1 segment as necessary.

Must Use	PO102	330	**Quantity Ordered**	**M**	**R 1/9**

Quantity ordered

The quantity being quoted for the line item.

Must Use	PO103	355	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code identifying the basic unit of measurement.

Refer to 003010 Data Element Dictionary for acceptable code values.

Must Use	PO104	212	**Unit Price**	**C**	**R 1/14**

Price per unit of product, service, commodity, etc.

	PO105	639	**Basis of Unit Price Code**	**O**	**ID 2/2**

Code identifying the type of unit price for an item

Use the NTE to provide explanation for additional pricing (no charge or not separately priced) as required.

		NC	No Charge
		NE	Not to Exceed
		QR	Previous Quoted Price

Use to indicate not separately priced.

		QT	Quoted

	PO106	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code MF and MG must be used as a pair.

		MF	Manufacturer
		MG	Manufacturer's Part Number

	PO107	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

	PO108	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		MF	Manufacturer
		MG	Manufacturer's Part Number

	PO109	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Not Used	PO110	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO111	234	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Not Used	PO112	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	PO113	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO114	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO115	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO116	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO117	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO118	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO119	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO120	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO121	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO122	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO123	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		
Not Used	PO124	235	**Product/Service ID Qualifier**	**O**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	PO125	234	**Product/Service ID**	**C**	**AN 1/30**
			Identifying number for a product or service		

Segment:	**REF** Reference Numbers
Position:	100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*Only one iteration of this REF segment can be used in the PO1 Loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

If used there must be an iteration of the DTM segment, code 036 to provide the expiration date of the schedule or contract cited.

       CR   Customer Reference Number

Use to indicate the number of the Federal Supply Schedule in which the quoted item can be found.

       CT   Contract Number

Use to indicate the number of the contract other than a supply schedule from which the quoted item can be ordered.

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Number**	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
	REF03	352	**Description**	C AN 1/80

A free-form description to clarify the related data elements and their content

Use to provide contract holder name.

Segment:	**DTM** Date/Time/Period	
Position:	200	
Loop:	PO1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 or DTM03 is required.
Semantic Notes:		
Comments:		
Notes:	*One iteration of the DTM is required with code 036 in DTM01 when the REF contains a CT or CR to indicate the expiration date of the contract.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	**M**	**ID 3/3**

Code specifying type of date or time, or both date and time

036		Expiration
		Date coverage expires
075		Promised for Delivery (Prior to and Including)

Provide delivery date as it applies to the entire line item; use the SCH segment if deliveries for a line item differs by date.

	Ref. Des.	Data Element	Name		Attributes
	DTM02	373	**Date**	**C**	**DT 6/6**

Date (YYMMDD)

All dates received by SAACONS will be processed employing the bridging (windowing or 49/50 rule) application.

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM03	337	**Time**	**C**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).

	Ref. Des.	Data Element	Name		Attributes
Not Used	DTM04	623	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment:	**LDT** Lead Time	
Position:	210	
Loop:	PO1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	LDT04 is the effective date of lead time information.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2
			Code indicating the time range	
			AF From date of PO receipt to delivery	
Must Use	LDT02	380	**Quantity**	M R 1/10
			Numeric value of quantity	
Must Use	LDT03	344	**Unit of Time Period or Interval**	M ID 2/2
			Code indicating the time period or interval	
			DA Calendar Days	
Not Used	LDT04	373	**Date**	O DT 6/6
			Date (YYMMDD)	

	Segment:	**SCH** Line Item Schedule
	Position:	220
	Loop:	PO1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	104
	Purpose:	To specify the data for scheduling a specific line-item
	Syntax Notes:	1 If SCH03 is present, then SCH04 is required.
		2 If SCH09 is present, then SCH08 is required.
	Semantic Notes:	
	Comments:	1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.
	Notes:	*Use to indicate partial delivery at the line item level.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SCH01	380	**Quantity**	M	R 1/10
			Numeric value of quantity		
Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code identifying the basic unit of measurement.		
			Unit basis of measurement must be the same as PO103.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	SCH03	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity or a physical location.		
Not Used	SCH04	93	**Name**	C	AN 1/35
			Free-form name		
Must Use	SCH05	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			075 Promised for Delivery (Prior to and Including)		
Must Use	SCH06	373	**Date**	M	DT 6/6
			Date (YYMMDD)		
			All dates received by SAACONS will be processed employing the bridging (windowing or 49/50 rule) application.		
Not Used	SCH07	337	**Time**	O	TM 4/4
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).		
Not Used	SCH08	374	**Date/Time Qualifier**	O	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	SCH09	373	**Date**	C	DT 6/6
			Date (YYMMDD)		
Not Used	SCH10	337	**Time**	O	TM 4/4
			Time expressed in 24-hour clock time (HHMM, time range: 0000 through		

2359).

Segment:	**N1** Name	
Position:	420	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
Notes:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**		**M ID 2/2**
			Code identifying an organizational entity or a physical location.		
			FW	Forwarder	
				Use to indicate port of embarkation.	
			ST	Ship To	
				Use to indicate Ship To or location where services are to be performed.	
	N102	93	**Name**		**C AN 1/35**
			Free-form name		
Not Used	N103	66	**Identification Code Qualifier**		**C ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	N104	67	**Identification Code**		**C ID 2/17**
			Code identifying a party.		

Segment:	**CTT** Transaction Totals
Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	**1** If CTT03 is present, then CTT04 is required.
	2 If CTT05 is present, then CTT06 is required.
Semantic Notes:	
Comments:	**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6

Total number of line items in the transaction set

Total number of PO1 segments.

Not Used	CTT02	347	**Hash Total**	O R 1/10

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

Not Used	CTT03	81	**Weight**	O R 1/8

Numeric value of weight

Not Used	CTT04	355	**Unit or Basis for Measurement Code**	C ID 2/2

Code identifying the basic unit of measurement.

Not Used	CTT05	183	**Volume**	O R 1/8

Value of volumetric measure

Not Used	CTT06	355	**Unit or Basis for Measurement Code**	C ID 2/2

Code identifying the basic unit of measurement.

Not Used	CTT07	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**SE** **Transaction Set Trailer**
Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/6**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number assigned by the originator for a transaction set.	
			Enter the same number cited in ST02.	